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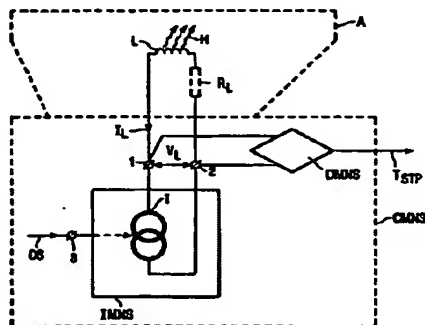
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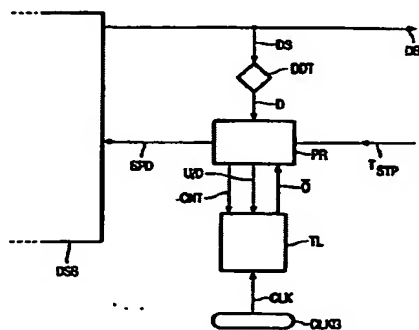
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[Continued on next page]

(54) Title: **CONTROL MEANS AND METHOD OF CONTROLLING A CURRENT THROUGH A COIL**



(57) **Abstract:** Method of controlling a current through a coil (L) for the generation of a magnetic field (H) in which: a parameter is determined which is a measure for the value of the resistance ( $R_L$ ) of the coil (L), the current ( $I_L$ ) through the coil (L) is controlled by data (DS) delivered by a data control circuit (DSS), and a stop data signal (SPD) is delivered to the data control circuit (DSS) for (at least) temporarily stopping the control of the current ( $I_L$ ) when the parameter exceeds a certain limit.



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